

Title (en)

Method for testing a temperature sensor with at least two temperature-sensitive resistances

Title (de)

Verfahren zur Überprüfung eines Temperatursensors mit mindestens zwei temperatursensitiven Widerständen

Title (fr)

Procédé destiné à la vérification d'un capteur de température doté d'au moins deux résistances sensibles à la température

Publication

**EP 1879005 B1 20100825 (DE)**

Application

**EP 07033505 A 20070706**

Priority

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- AT 20802006 A 20061218

Abstract (en)

The method involves connecting temperature sensitive resistor (R1) with a low-impedance series resistor (Rshunt1) over a switching device (5) when another temperature sensitive resistor (R2) is connected with a high-impedance series resistor (R4) over another switching device (6). A voltage drop at the temperature sensitive resistors or its series resistors (Rshunt1, R4) is detected. Temperatures of the temperature sensitive resistors, and difference between the temperatures, are determined. An error signal is issued when the temperature difference exceeds a given value.

IPC 8 full level

**G01K 15/00** (2006.01)

CPC (source: EP)

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Cited by

CN102252781A; FR2972254A1; WO2013017569A1

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DOCDB simple family (publication)

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